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(72) Inventors:
• Yamada, Hirokazu
Himeji-shi, Hyogo 671-8567 (JP)
• Yoryo, Morimasa
Himeji-shi, Hyogo 671-8567 (JP)
• Ryo, Kunihiro
Himeji-shi, Hyogo 671-8567 (JP)

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(71) Applicant: Glory Ltd.
Himeji-shi, Hyogo 671-8567 (JP)

(74) Representative: Hooiveld, Arjen Jan Winfried et al
Arnold & Siedsma
Sweelinckplein 1
2517 GK Den Haag (NL)

(54) UV/fluorescence detecting apparatus and sensing method thereof

(57) Providing a UV/fluorescence detecting apparatus and a sensing method thereof which is capable of detecting a fluorescent pattern and an ultraviolet reflection light and small and cheap. Further, providing a UV/fluorescence detecting apparatus and a sensing method thereof capable of detecting a fluorescence of a specific color. The UV/fluorescence detecting apparatus includes a sensor comprising a light source portion including an ultraviolet ray LED for emitting ultraviolet ray through an opening window portion and an ultraviolet ray monitor provided beside this ultraviolet ray LED, a

light detector portion disposed in a chamber partitioned with a partition plate for receiving an incident light impinging through the opening window portion, the partition plate 6a for partitioning between the light source portion and the light detector portion; a transparent body provided on the both opening window portions, a first filter provided on a window portion on projection side of the ultraviolet ray for allowing the light of an ultraviolet ray region thereof to pass through and a second filter provided on a window portion on light receiving side of the incident light for allowing the light of a visible light region thereof to pass through.

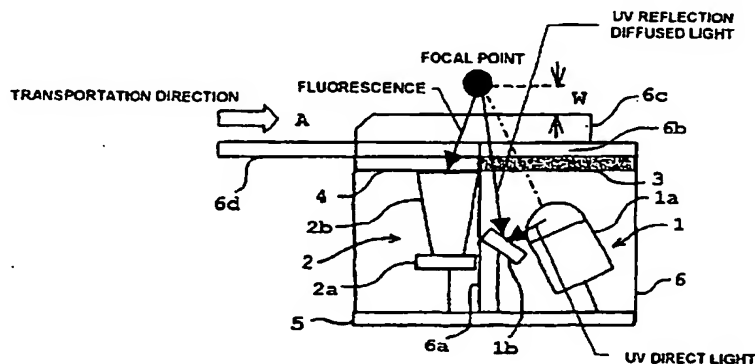


FIG. 3



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EUROPEAN SEARCH REPORT

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G07D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 January 2004	Examiner Bohn, P
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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